

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5825829" and integrator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 07:50
L2	3838	interpolat\$3 and integrator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 07:50
L3	396	interpolat\$3 with integrator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 07:51
L4	13	interpolat\$3 with integrator with upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:08
L5	0	(inverse adj interpolat\$3) with integrator with upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:48
L6	0	(inverse adj interpolat\$3) with upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:09
L7	98	(inverse adj interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:18
L8	60	(inverse adj interpolat\$3) and sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:19
L9	13	(inverse adj interpolat\$3) with sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:26

## EAST Search History

L10	0	(inverse adj interpolat\$3) with upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:26
L11	2142	(inverse adj interpolat\$3) and upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:26
L12	0	(inverse adj interpolat\$3) and upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:26
L13	0	(inverse adj interpolat\$3) near upsampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:31
L14	91	( interpolat\$3) with (anti-aliasing adj1 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:37
L15	38	( interpolat\$3) with (anti-aliasing adj1 filter\$3)and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:40
L16	17	(anti-aliasing adj1 filter\$3) with synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:40
L18	91	interpolat\$3 with (anti-aliasing adj1 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:48
L19	19	(interpolat\$3 adj1 filter\$3) with (anti-aliasing adj1 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/19 08:49
S1	4672	375/354	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:26

## EAST Search History

S2	17	"5075880"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:47
S3	9	"9217954"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:48
S4	4	"9217951"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:56
S5	2	post-processing adj1 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:56
S6	0	(common and post-processing) adj1 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 08:56
S7	1350	auxiliary adj1 signals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 09:11
S8	270	auxiliary adj1 signals and sampling	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 09:11
S9	73	auxiliary adj1 signals and sampling and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 09:15
S10	56	auxiliary adj1 signals and sampling and interpolat\$3 and sync\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 09:57
S11	49	decoder and auxiliary adj1 signals and sampling and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 09:59

## EAST Search History

S12	13	auxiliary adj1 signals with interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:00
S13	57	auxiliary adj1 signal\$1 with interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:25
S14	0	auxiliary adj1 signal\$1 with filter and antialias\$3 adj1 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:27
S15	0	synchroniz\$ and auxiliary adj1 signal\$1 with filter and antialias\$3 adj1 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:28
S16	1039	synchroniz\$ and auxiliary adj1 signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:28
S17	118	synchroniz\$ and auxiliary adj1 signal\$1 with filter\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:28
S18	0	synchroniz\$ and auxiliary adj1 signal\$1 with (filter and anti-alias\$3 adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:29
S19	0	synchroniz\$ adj1 auxiliary adj1 signal\$1 with (filter or anti-alias\$3 adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:29
S20	106	synchroniz\$ and auxiliary adj1 signal\$1 with (filter or anti-alias\$3 adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:12
S21	72	(resampl\$3 or re-sampl\$3 )and auxiliary adj1 signal\$1 and (filter or anti-alias\$3 adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:41

## EAST Search History

S22	3216	(resampl\$3 or re-sampl\$3 )and (filter andanti-alias\$3 adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 10:41
S23	136	(resampl\$3 or re-sampl\$3 )and filter and anti-alias\$3 adj1 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:26
S24	4	digital adj1 decoder with differentiator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:28
S25	1274	digital adj1 decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:28
S26	24	"0198684"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:33
S27	22	"198684"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:51
S28	2579	anti-aliasing adj1 filt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:54
S29	2579	filter\$3 and anti-aliasing adj1 filt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:55
S30	2788	filter\$3 and anti-aliasing adj1 filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:56
S31	684	filter\$3 and anti-aliasing adj1 filter\$3 and synchronization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:57

## EAST Search History

S32	684	(filter\$3 or integrator) and anti-aliasing adj1 filter\$3 and synchronization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:58
S33	108	synchronization with (filter\$3 or integrator) and anti-aliasing adj1 filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/13 13:58
S34	2019198	WO "9217951"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:51
S35	2019198	WO "92/17951"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:51
S36	3308	interpolat\$3 adj1 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:12
S37	1367	sampl\$3 with (interpolat\$3 adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:13
S38	0	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (twice adj fast)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:13
S39	0	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (auxiliary adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:13
S40	782	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:14
S41	127	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (digital adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 16:02

## EAST Search History

S42	0	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (digital adj1 signal\$1) with anti-aliasing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:15
S43	1	sampl\$3 with (interpolat\$3 adj1 filter\$1) with (digital adj1 signal\$1) with anti-aliasing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:17
S44	1	(interpolat\$3 adj1 filter\$1) with (digital adj1 signal\$1) with anti-aliasing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:18
S45	2	interpolat\$3 with (digital adj1 signal\$1) with anti-aliasing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:18
S46	0	interpolat\$3 with (digital adj1 signal\$1) with (anti-aliasing adj1 sampli\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 15:18
S47	2	"20020072346"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 16:02
S48	2	"20020072346" and overshoot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 16:02
S49	106427	interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:21
S50	7609	interpolat\$3 with sampli\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:21
S51	16480	interpolat\$3 with sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:21



## EAST Search History

S52	3256	interpolat\$3 with sampl\$3 with digital	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:21
S53	866	interpolat\$3 with sampl\$3 with (digital adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:21
S54	0	interpolat\$3 with sampl\$3 with (digital adj1 auxiliary adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:22
S55	53	(digital adj1 auxiliary adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:22
S56	9	(digital adj1 auxiliary adj1 signal\$1) with sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:23
S57	2	"20050177856"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:25
S58	63	auxiliary with sampl\$3 with synchroniz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:26
S59	3	auxiliary with sampl\$3 with synchroniz\$4 with interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:30
S60	1	"5585794" and twice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:37
S61	0	"5585794" and alias\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:41



## EAST Search History

S62	501135	twice or anti-alias\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:42
S63	1290	interpolat\$3 with (twice or anti-alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:42
S64	309	interpolat\$3 with (twice or anti-alias\$3) with sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:42
S65	0	interpolat\$3 with (twice or anti-alias\$3) with sampl\$3 with auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:42
S66	14	interpolat\$3 with (twice or anti-alias\$3) with sampl\$3 with (digital adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:49
S67	2	interpolat\$3 with (twice or anti-alias\$3) with sampl\$3 with (digital adj1 signal\$1) and synchroniz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:49
S68	2	interpolat\$3 with (twice or anti-alias\$3) with sampl\$3 with (digital adj1 signal\$1) and synchroniz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:55
S69	4514	auxiliary adj1 signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:55
S70	257	(auxiliary adj1 signal\$1) with sampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 12:56
S71	8	(auxiliary adj1 signal\$1) with sampl\$3 with (twice or anti-alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:00

## EAST Search History

S72	326	(digital adj1 signal\$1) with sampl\$3 with (twice or anti-alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:00
S73	14	(digital adj1 signal\$1) with sampl\$3 with (twice or anti-alias\$3) with interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:10
S74	61687	(signal\$1 adj1 sampl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:11
S75	1338	(signal\$1 adj1 sampl\$3) with interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:11
S76	184	(signal\$1 adj1 sampl\$3) with interpolat\$3 with clock\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:11
S77	64	(signal\$1 adj1 sampl\$3) with interpolat\$3 with clock\$1 with frequen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:12
S78	1	(signal\$1 adj1 sampl\$3) with interpolat\$3 with clock\$1 with frequen\$3 with (twice or anti-alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:14
S79	32	interpolat\$3 with clock\$1 with frequen\$3 with (twice or anti-alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:29
S80	0	"6137349" and inverse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:34
S81	93	inverse adj1 interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 13:34

## EAST Search History

S82	10	samp\$3 with (inverse adj1 interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 14:03
S83	35	rogovsky	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 14:05
S84	0	rogovsky adj1 transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 14:05
S85	1	rogovsky with transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 10:18
S86	3	"6353408"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 10:18
S87	11	"6137349"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:38
S88	17	"5075880"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:49
S89	540908	auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:40
S90	3616	auxiliary with synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:40
S91	6	auxiliary with synchroniz\$5 with interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:46

## EAST Search History

S92	190172	"358"/	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:46
S93	1821	358/434	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:47
S94	324	358/434 and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:47
S95	0	358/434 and synchroniz\$5 and (interpolation adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:47
S96	73	358/434 and synchroniz\$5 and (filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:48
S97	30	358/434 and synchroniz\$5 and (interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:48
S98	2	358/434 and synchroniz\$5 and (interpolat\$3) and auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:49
S99	5091	synchroniz\$4 with (digital adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 13:50
S10 0	12	synchroniz\$4 with (digital adj1 signal\$1) with resampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:00
S10 1	44	resampl\$3 with auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:01

## EAST Search History

S10 2	24	resampl\$3 with (auxiliary adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:06
S10 3	40	rogovsky	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:06
S10 4	0	rogovsky and resampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:07
S10 5	0	rogovsky and auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:07
S10 6	0	Rogovsky and auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:07
S10 7	156	digital adj1 auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:07
S10 8	0	resampl\$3 with (digital adj1 auxiliary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:08
S10 9	3	interpolat\$3 with (digital adj1 auxiliary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:24
S11 0	6	"4167731" and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:24
S11 1	2	"6137349" and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 14:40

## EAST Search History

S11 2	7650	synchroniz\$5 with (digital adj1 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:50
S11 3	15	synchroniz\$5 with (digital adj1 signal\$1) with resampl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:50
S11 4	6	upsampl\$3 with synchroniz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:14
S11 5	521	upsampl\$3 and synchroniz\$4 and signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:14
S11 6	363	upsampl\$3 and synchroniz\$4 and signal\$1 and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:14
S11 7	90	upsampl\$3 and synchroniz\$4 and signal\$1 and (interpolat\$3 adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:15
S11 8	1913003	upsampl\$3 near\$ synchroniz\$4 and signal\$1 and (interpolat\$3 adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:15
S11 9	20	upsampl\$3 same synchroniz\$4 and signal\$1 and (interpolat\$3 adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:17
S12 0	7651	synchroniz\$5 with digital adj1 signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:17
S12 1	479	synchroniz\$5 adj1 digital adj1 signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:17

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S12 2	11	(synchroniz\$5 adj1 digital adj1 signal\$1) and (upsampl\$3 or resampl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:33
S12 3	1	"6490295" and frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:30
S12 4	0	"6490295" and twice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:30
S12 5	0	"6490295" and aliasing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:31
S12 6	0	"6490295" and nyquist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:32
S12 7	62	"5801695"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:39
S12 8	8	"5801695" and resampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:50
S12 9	576	(resampl\$3 or upsampl\$3) and signal\$1 and (interpolat\$3 adj1 filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:51
S13 0	314	(resampl\$3 or upsampl\$3) and signal\$1 and (interpolat\$3 adj1 filter\$1) and decod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:51
S13 1	149	(resampl\$3 or upsampl\$3) and signal\$1 and (interpolat\$3 adj1 filter\$1) and decod\$3 and twice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:51



## EAST Search History

S13 2	113	(resampl\$3 or upsampl\$3) and signal\$1 and (interpolat\$3 adj1 filter\$1) and decod\$3 and twice and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:52
S13 3	2	(resampl\$3 or upsampl\$3) and (plurality adj signal\$1) and (interpolat\$3 adj1 filter\$1) and decod\$3 and twice and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:54
S13 4	113	(resampl\$3 or upsampl\$3) and (signals) and (interpolat\$3 adj1 filter\$1) and decod\$3 and twice and synchroniz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:54
S13 5	1	"20040125880"	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:44
S13 6	69072	null	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:44
S13 7	0	"20040125880" and null	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:46
S13 8	0	"20040125880" and (null adj1 symbol\$1)	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:46
S13 9	0	"20040125880" and (alternate)	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:47
S14 0	1	"20040125880" and (source)	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:47
S14 1	0	"20040125880" and (symbol adj source)	US-PGPUB; USPAT	OR	OFF	2006/03/08 09:47
S14 2	2013	(resmapl\$3 or upsampl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:01
S14 3	0	(resmapl\$3 or upsampl\$3) with signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:02
S14 4	342	(resmapl\$3 or upsampl\$3) with signals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:03

## EAST Search History

S14 5	3	(resmapl\$3 or upsampl\$3) with (digital adj1 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:05
S14 6	2	(resmapl\$3 or upsampl\$3) with (plurality adj signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:07
S14 7	342	(resmapl\$3 or upsampl\$3) with ( signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 15:17
S14 8	1935	375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:05
S14 9	32	375/355 and upsampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:20
S15 0	30	375/355 and upsampl\$4 and signals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:21
S15 1	1	375/355 and (upsampl\$4 adj signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:23
S15 2	1	375/355 and (upsampl\$4 near signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:23
S15 3	41	(upsampl\$4 adj signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:23
S15 4	41	(upsampl\$4 adj1 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:24

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S15 5	41	(upsampl\$4 adj1 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 13:24
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